WHAT IS CLAIMED IS:

A hybrid vehicle drive control apparatus, comprising:
an electric generator mechanically connected to an engine so as to have a

differential rotation with respect to the engine;

a generator brake for mechanically stopping a rotation of the generator; and a controller that gradually decreases a generator torque while engaging the generator brake.

- 2. The hybrid vehicle drive control apparatus according to claim 1, wherein upon a generator brake engagement request, the controller sets a target generator rotation speed at zero and performs a rotation speed control of the generator.
- 3. The hybrid vehicle drive control apparatus according to claim 1, wherein the controller gradually decreases the generator torque after an elapse of a predetermined time following engagement of the generator brake.
- 4. The hybrid vehicle drive control apparatus according to claim 1, wherein the controller gradually decreases the generator torque by performing a rotation speed control of the generator.
- 5. The hybrid vehicle drive control apparatus according to claim 1, wherein the controller gradually decreases the generator torque by gradually decreasing an integral component that occurs after a proportional component reaches zero in a PI control.
- 6. The hybrid vehicle drive control apparatus according to claim 1, wherein the controller gradually decreases the generator torque by performing a torque control of the generator.
 - 7. A method of operating a hybrid vehicle, comprising: engaging a generator brake;

mechanically stopping rotation of a generator that is mechanically connected to an engine so as to have a differential rotation with respect to the engine, via the generator brake; and

gradually decreasing a generator torque concurrently with the mechanically stopping.

- 8. The method of claim 7, wherein upon a generator brake engagement request, a target generator rotation speed is set at zero and a rotation speed control of the generator is performed.
- 9. The method of claim 7, wherein the generator torque gradually decreases after an elapse of a predetermined time following engagement of the generator brake.

- 10. The method of claim 7, wherein the generator torque gradually decreases by performing a rotation speed control of the generator.
- 11. The method of claim 7, wherein the generator torque gradually decreases by gradually decreasing an integral component that occurs after a proportional component reaches zero in a PI control.
- 12. The method of claim 7, wherein the generator torque gradually decreases by performing a torque control of the generator.
- 13. A program for a hybrid vehicle that has an electric generator mechanically connected to an engine so as to have a differential rotation with respect to the engine and a generator brake for mechanically stopping a rotation of the generator, comprising:

a routine that gradually decreases a generator torque while engaging the generator brake.

- 14. The program of claim 13, wherein upon a generator brake engagement request, a target generator rotation speed is set at zero and a rotation speed control of the generator is performed.
- 15. The program of claim 13, wherein the generator torque gradually decreases after an elapse of a predetermined time following engagement of the generator brake.
- 16. The program of claim 13, wherein the generator torque gradually decreases by performing a rotation speed control of the generator.
- 17. The program of claim 13, wherein the generator torque gradually decreases by gradually decreasing an integral component that occurs after a proportional component reaches zero in a PI control.
- 18. The program of claim 13, wherein the generator torque gradually decreases by performing a torque control of the generator.